

ABSTRACT

POLYAMIDE-BASED TRANSPARENT COMPOSITION

Company known as: ATOFINA
4 & 8 Cours Michelet
La Défense 10
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The invention relates to a transparent composition comprising, by weight, the total being 100%:

- 5 to 40% of an amorphous polyamide (B) which results essentially from the condensation:
 - either of at least one diamine chosen from cycloaliphatic diamines and aliphatic diamines and of at least one diacid chosen from cycloaliphatic diacids and aliphatic diacids, at least one of these diamine or diacid units being cycloaliphatic,
 - or of a cycloaliphatic α,ω -aminocarboxylic acid,
 - or of a combination of these two possibilities, and
 - optionally of at least one monomer chosen from α,ω -aminocarboxylic acids or the possible corresponding lactams, aliphatic diacids and aliphatic diamines,
- 0 to 40% of a supple polyamide (C) chosen from copolymers containing polyamide blocks and polyether blocks and copolyamides,
- 0 to 20% of a compatibilizer (D) for (A) and (B),
- 0 to 40% of a supple modifier (M),

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